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VERIZON SERVICES GROUP
LEONARD CHARLES SUCHYTA
600 HIDDEN RIDGE ROAD HOE03H01
IRVING, TX 75038

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/28/2001

REEL/FRAME: 011582/0004
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BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
AYYAGARI, DEEPAK V.

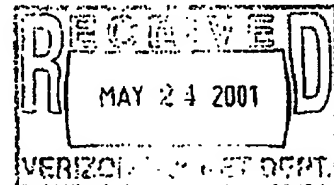
DOC DATE: 01/31/2001

ASSIGNEE:
VERIZON LABORATORIES INC.
40 SYLVAN ROAD
A DELAWARE CORPORATION
WALTHAM, MASSACHUSETTS 02451-1128

SERIAL NUMBER: 09727926
PATENT NUMBER:

FILING DATE: 11/30/2000
ISSUE DATE:

SHARON LATIMER, EXAMINER
ASSIGNMENT DIVISION
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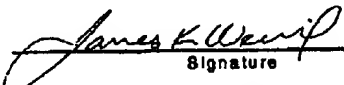
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FORM PTO-1595 (Rev. 6-93) OMB No. 0551-0011 (exp. 4/94)		03-16-2001 		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
Tab settings → → → ▼					
To the Honorable Commissioner of Patents and Trademarks, 101635849, enclosed original documents or copy thereof.					
1. Name of conveying party(ies): Deepak V. Ayyagari Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			2. Name and address of receiving party(ies): Name: VERIZON LABORATORIES INC. Internal Address: a Delaware Corporation Street Address: 40 Sylvan Road City: Waltham State: MA ZIP: 02451-1128 Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other Execution Date: January 31, 2001			DOCKET NO. 00-8006 If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) Serial No. 09/727,926 Filed November 30, 2000 B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Leonard Charles Suchyta Internal Address: Verizon Services Group Street Address: 600 Hidden Ridge Road HOE03H01 City: Irving State: TX ZIP: 75038			6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41) \$ 40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: 07-2339 (Attach duplicate copy of this page if paying by deposit account)		
DO NOT USE THIS SPACE					
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. James K. Weixel, Reg. No. 44,399 Name of Person Signing  Signature 2/23/2001 Date Total number of pages including cover sheet, attachments, and document: 2					

Mail documents to be recorded with required cover sheet information to:
 Commissioner of Patents & Trademarks, Box Assignments
 Washington, D.C. 20231

(Form PTO-1595-Recordation Form Cover Sheet - page 1 of 3)

00-8006

ASSIGNMENT

For good and valuable consideration which I hereby acknowledge,

I, **Deepak V. Ayyagari**

residing at

7 Bromfield Street Watertown, MA 02472

sell and assign to **VERIZON LABORATORIES INC.**, a Delaware corporation, its successors and assigns (hereinafter "Company"), all right, title and interest in our invention in

**INTEGRATED METHOD FOR PERFORMING SCHEDULING, ROUTING
AND ACCESS CONTROL IN A COMPUTER NETWORK**

and the application for United States Patent therefor executed concurrently herewith, and all Patents which may be granted therefor, including re-examination Patents in all foreign countries, and all divisions, reissues, re-examinations, continuations and extensions thereof, and authorize and request the Commissioner of Patents to issue all Patents on said invention or resulting therefrom to said Company as assignee of the entire interest, and covenant that I have full right so to do and agree that I will communicate to said Company or its representatives any facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns, and nominees, to obtain and enforce proper patent protection for said invention, in the United States and all foreign countries.

Inventor

Deepak V. Ayyagari

Address

7 Bromfield Street Watertown, MA 02472

Date

31 JAN 2001

Witness

T. J. O'Hara

Date

01/31/2001

Address

33 Boston St. Watertown, MA 02452-0002

Witness

Nguyen

Date

01/31/2001

Address

66 SEVER ST. APT #1, WARESTER, MA 01609

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JULY 26, 2001

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101714990A

LEONARD CHARLES SUCHYTA
VERIZON SERVICES GROUP
600 HIDDEN RIDGE, HOE03H01
IRVING, TX 75038

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RECORDATION DATE: 05/04/2001

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NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
EPHREMIDES, ANTHONY

DOC DATE: 03/13/2001

ASSIGNEE:
UNIVERSITY OF MARYLAND
OFFICE OF TECHNOLOGY
COMMERCIALIZATION
6200 BALTIMORE AVENUE
COLLEGE PARK, MARYLAND 20742

SERIAL NUMBER: 09727926
PATENT NUMBER:

FILING DATE: 11/30/2000
ISSUE DATE:

JACQUELINE MOORE, PARALEGAL
ASSIGNMENT DIVISION
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Tab settings — — —		101714990		rd the attached original documents or copy thereof.			
1. Name of conveying party(ies): Anthony Ephremides				2. Name and address of receiving party(ies): Name: University of Maryland Internal Address: Office of Technology Commercialization Street Address: 6200 Baltimore Avenue City: College Park State: MD ZIP: 20742			
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
3. Nature of conveyance: 54-01 <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other				4. Application number(s) or patent number(s): 00-8006 If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) 09/727,926 B. Patent No.(s)			
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				5. Name and address of party to whom correspondence concerning document should be mailed: Name: Leonard Charles Suchyta Internal Address: Verizon Services Group Street Address: 600 Hidden Ridge, HOE03H01 City: Iring State: TX ZIP: 75038			
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8. Deposit account number: 07-2339 (Attach duplicate copy of this page if paying by deposit account)				9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. James K. Weixel, Reg. No. 44,399 Name of Person Signing James K. Weixel Signature 5/2/2001 Date Total number of pages including cover sheet, attachments, and document: 4			

05/19/2001 05YR0E 00000134 072339 09727926 documents to be recorded with required cover sheet information to:
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INTELLECTUAL PROPERTY ASSIGNMENT AGREEMENT

THIS AGREEMENT by and between: Anthony Ephremides, an individual having a principal residence at 5809 Nicholson Lane, #1004, North Bethesda, MD 20852 (hereinafter referred to as "Assignor"), and the University of Maryland, having a principal office at Office of Technology Commercialization, College Park, Maryland 20742 (hereinafter referred to as "Assignee").

WITNESSETH:

WHEREAS, Assignor has created and developed certain inventions, improvements, discoveries, software, or other intellectual property, as described in Assignee Invention Disclosure No. IS-2001-017 entitled "INTEGRATED METHOD FOR PERFORMING SCHEDULING, ROUTING AND ACCESS CONTROL IN A COMPUTER NETWORK" and further described in application for Letters Patent in the United States serial number 09/727,926 Filed November 30, 2000 and for any and all application(s) for Letters Patent in the United States of America and throughout the world, and all divisional, continuation, continuation-in-part, substitutions, renewals, reissues, extensions and other applications pertaining to the foregoing which have or shall be filed in the United States, any foreign country and other jurisdictions (hereinafter collectively referred to as the "Works"); and

WHEREAS, Assignor agrees that, to the extent the Works are, by operation of law or otherwise, not deemed to be works made for hire within the meaning of the Copyright Act, (Title 17, U.S.C. Section 101, et seq.), Assignor agrees to assign all of his/her right, title and interest in and to the Works to Assignee, and further agrees to take such further actions and to execute such further instruments that Assignee might find reasonable or necessary to perfect or to evidence more clearly its right and claim to exclusive ownership of all of Assignor's worldwide intellectual property interests respecting the Works; and

WHEREAS, Assignor and Assignee now wish to perfect and to evidence more clearly the right and claim of Assignee to exclusive ownership of all of Assignor's intellectual property interests respecting the Works.

NOW, THEREFORE, in consideration of the rights granted to Assignor under the University of Maryland Patent Policy and Copyright Policy, as approved by the Board of Regents of the University of Maryland, and as amended by them from time to time, and other good and valuable consideration furnished by Assignee to Assignor, the receipt and sufficiency of which are hereby acknowledged, Assignor and Assignee, intending to be legally bound, do hereby covenant and agree as follows:

Section 1. Assignment of the Works.

Assignor hereby assigns, transfers and conveys to Assignee, its successors, assigns or other legal representatives, without the necessity of any consideration in addition to that recited herein, all of Assignor's right, title and interest in and to the Works. This assignment shall be operative with respect to all intellectual property rights in and to the Works, including (without limitation), (i) all copyrights in the United States and elsewhere, including all rights of registration, publication, renewal, rights to create derivative works and all other rights incident to copyright ownership, for the residue now unexpired of the present term of any and all such copyrights and any term thereafter granted during which the Works are entitled to copyright; (ii) all trade secrets, inventions, know-how, ideas and confidential information embodied or reflected in the Works, including any shop rights, for the longest period of protection accorded to such interest under applicable law; and (iii) all patent rights in the United States and elsewhere, including all rights of registration, publication, renewal, and all other works incident to copyright ownership, for the longest period of protection accorded to such interests under applicable law.

Section 2. University of Maryland Copyright and Patent Policies.

The assignment of rights perfected hereunder shall be governed by the University of Maryland Patent Policy and Copyright Policy as approved by the Board of Regents of the University of Maryland, and as amended by them from time to time. Royalty income shall be allocated as set forth in those policies.

Section 3. Warranty.

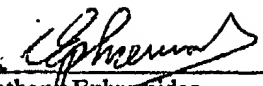
Assignor warrants and covenants that he/she is an author or inventor of the Works and that as of the date of this Assignment, has taken no action respecting the Works which purports or attempts to transfer or encumber any right, title or interest in or to the Works to any other party; and covenants not to take such action in the future.

Section 4. Jurisdiction.

The validity, interpretation, and effect of this agreement shall be governed by the laws of the State of Maryland and of the United States of America. Any legal proceedings involving claims or disputes regarding this agreement shall be brought in the appropriate court in the State of Maryland.

WHEREAS, the parties have caused this Assignment to be executed on the dates below.

ASSIGNOR

Agreed to by: 

Printed Name:

Anthony Ephremides

Date:

3-13-01

ASSIGNEE (The University of Maryland)

Acknowledged and Agreed to by:

Printed Name:


James A. Poulos, III

Title:

Executive Director

Date:

3/15/01